SREE NARAYANACOLLEGE, CHENGANNUR

DepartmentofCommerce

Notice

Department of commerce is organizing a Certificate course in **LaTeX** at our college during this academic year 2018-19

Benefits of Enrolment

- Acquiring a working knowledge of LaTeX, a method for creating documents with excellent typography.
- RecognizeLaTeX's characteristics.
- To get practical training in LaTeX usage

.**Course Duration: 30 Hrs.** Course will be conducted at our college computer lab.

Interested students are requested to enroll their names with Ms. Meenu Krishnan

Mrs. Thushara U S

H.O.D

THUSHARA. U.S
Asst. Professor & HOD
Department of Commerce
Sree Narayana College
Chengannur

Dr.ShinySreedhar

Principal

SREE NARAYANA COLLEGE, CHENGANNUR
Department of Commerce

LaTeX Certificate Course Syllabus

Course Title: Introduction to LaTeX
Total Duration: 30 hours

SESSION 1 (2 HOURS)

Overview of LaTeX:

- What is LaTeX, its history, and advantages over other document preparation systems
- Setting up a LaTeX distribution and text editor
- Creating and compiling a basic LaTeX document

SESSION 2 (2 HOURS)

Document structure:

- Title, author, abstract, and sections
- Basic text formatting: Fonts, sizes, styles, and special characters
- Handling paragraphs, line spacing, and indentation

SESSION 3 (2 HOURS)

Introduction to mathematical typesetting in LaTeX:

- Writing mathematical expressions and equations
- Using mathematical symbols, operators, and functions

SESSION 4 (2 HOURS)

Aligning equations and using equation numbering

- Working with matrices, arrays, and multi-line equations
- Typesetting theorems, proofs, and mathematical notations
- Figures, Tables, and Graphics

SESSION 5 (2 HOURS)

Inserting figures and images in LaTeX documents

- Controlling figure placement and captions

- ➢ Handling merge conflicts and resolving issues

SESSION 12 (2 HOURS)

Troubleshooting common errors and issues in LaTeX

- ➢ Tips for efficient writing and debugging
- ➢ Q&A and wrap-up

> Including vector graphics and resolution-independent formats

SESSION 6 (2 HOURS)

Creating and formatting tables in LaTeX

- Managing table captions and references
- Introduction to the TikZ package for custom graphics
- Bibliography and References

SESSION 7 (2 HOURS)

Managing bibliographic references using BibTeX

- Creating a bibliography database and citing sources
- Customizing bibliography styles

SESSION 8 (2 HOURS)

Cross-referencing in LaTeX documents

Creating and managing hyperlinks

Inserting footnotes and endnotes

Advanced Formatting and Customization

SESSION 9 (2 HOURS)

Customizing page layout and margins

- Working with headers and footers
- Introduction to packages for different document types (e.g., articles, reports, presentations)

SESSION 10 (2 HOURS)

Working with multiple files and project organization

- Creating and using templates
- Introduction to advanced packages for specialized formatting needs
- Collaborative Writing and Troubleshooting

SESSION 11 (2 HOURS)

Using version control with LaTeX (e.g., Git)

- Collaborative writing with multiple authors

SREE NARAYANA COLLEGE CHENGANNUR

DEPARTMENT OF COMMERCE

CERTIFICATE COURSE –LATEX

LIST OF STUDENTS

YEAR 2018-19

1. ABHIRAMI S
2. AKHILA L
3. ANANDHU KRISHNA A
4. ANJALI R
5. ANOOP R
6. ASWINI A
7. ATHIRA S MADHU
8. GEETHU M
9. JITHIN B
10. KARTHIK K
11. MANIKUTTAN P
12. MEERA R
13. APARNA SURESH
14. ASWIN RAMANAN
15. ASWIN C
16. MIDHUN MOHAN
17. JAYALEKSHMI
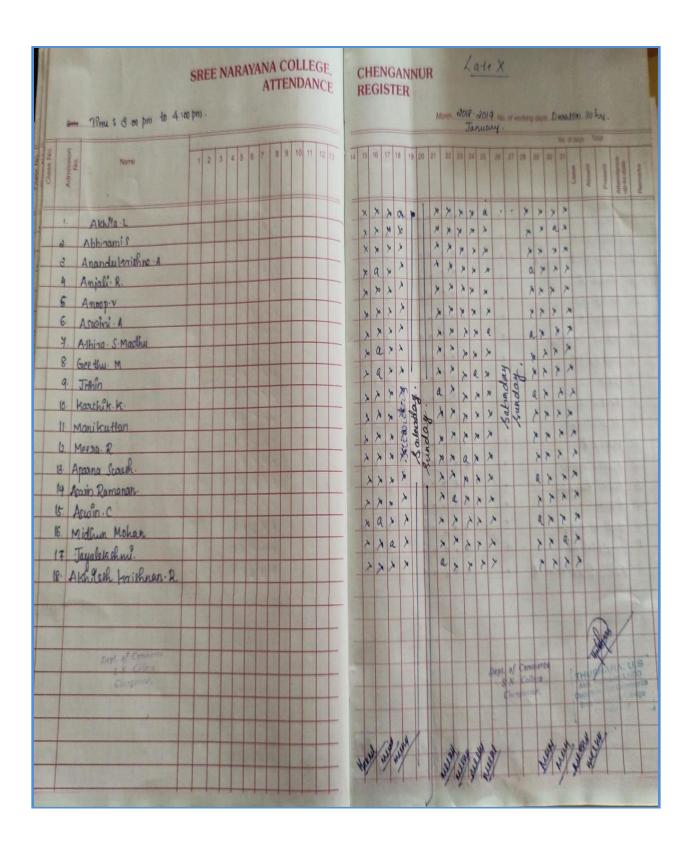18. AKHILESH KRISHNAN R

SREE NARAYANA COLLEGE, CHENGANNUR
ATTENDANCE REGISTER

Certificate Course : LateX

Month February ... No. of working days ...

Date ...

Class No.	Admission No.	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Late	Absent	Present	Attendance up-to-date	Remarks
			x			x	x	x		x	a		x	x	x	x	x																					
	1.	Akhila	x			x	x	x	x	x			x	x	x	x	x																					
	2.	Abhirami 9	x			x	x	x	x	x			x	x	a	x	x																					
	3.	Ananthukrishna A	x			x	x	x	x	x			x	x	x	x	q																					
	4.	Anjali R	x			x	x	x	x	x			x	x	x	x	x																					
	5.	Anoop V	x			x	x	q	x	x			a	x	x	x	a																					
	6.	Aiswini A	x			x	x	x	x	x			x	a	x	x	x																					
	7.	Athira Smadhu	x			x	x	x	x	x			x	x	x	x	x																					
	8.	Geethu S	x			x	x	x	x	x			x	x	x	x	x																					
	9.	Libin	a			x	x	x	x	x			x	x	x	x	x																					
	10.	Karthik K	x			x	a	x	x	x			x	x	x	x	x																					
	11.	Manikuttan	x			x	x	x	x	x			x	x	x	x	x																					
	12.	Meera L	x			q	x	x	x	x			x	x	x	a	x																					
	13.	Aparna Suresh	x			x	q	x	x	x			x	x	x	a	x																					
	14.	Aswin Ramanan	x			x	x	x	x	x			x	x	x	x	x																					
	15.	Aswin C	x			x	x	x	x	x			x	x	x	x	x																					
	16.	Midhun Mohan	x			x	x	x	x	x			x	x	x	x	x																					
	17.	Jayalexshmi	x			x	x	a	x	x			x	x	x	x	x																					
	18.	Akhilesh Krishnan R																																					

Dept. of Commerce
S.N. College
Chengannur

THUSHARA, U.S
Asst. Professor & HOD
Department of Commerce
Sree Narayana College
Chengannur

Time: 3:00 pm to 4:00 pm.

Month: 2018-2019 No. of working days: Duration 30 hrs.
January.

Class No.	Admission No	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Leave	Absent	Present	Attendance up-to-date	Remarks
1.		Akhila.L															x	x	x	a			x	x	x	x	a	·	:	x	x	x	x					
2.		Abhirami.s															x	x	x	x			x	x	x	x	x			x	x	a	x					
3.		Ananduterishna.A															x	x	x	x			x	x	x	x	x			x	x	x	x					
4.		Anjali.R.															x	a	x	x			x	x	x	x	x			a	x	x	x					
5.		Anoop.v															x	x	x	x			x	x	x	x				x	x	x	x					
6.		Aswini.A															x	x	x	x			x	x	x	x	x			x	x	x	x					
7.		Athira.S.Madhu															x	x	x	x			x	x	x	x	e			a	x	x	x					
8.		Geethu.M															x	a	x	x			x	x	x	x	x			x	a	x	x					
9.		Jithin															x	a	x	x			x	x	x	a	x			x	x	x	x					
10.		karthik.k.															x	x	x				a	x	x	x	x		Saturday	a	x	x	x					
11.		Manikuttan															x	x	x		Saturday		x	x	x	x	x		Sunday	x	x	x	x					
12.		Meera.R															x	x	x		Sunday		x	x	x	x	x			x	x	x	x					
13.		Aparna Suresh.															x	x	x	x			x	x	a	x	x			x	x	x	x					
14.		Aswin Ramanan.															x	x	x	x			x	x	x	x	x			a	x	x	x					
15.		Aswin.C															x	x	x	x			x	e	x	x	x			x	x	x	x					
16.		Midhun Mohan															x	a	x	x			x	x	x	x	x			a	x	x	x					
17.		Jayalekshmi.															x	x	a	x			x	x	x	x	x			x	x	a	x					
18.		Akhilesh krishnan.R.															x	x	x	x			a	x	x	x	x			x	x	x	x					

SREE NARAYANA COLLEGE

Neduvaramcode PO Pin -689 508 chengannur
Affiliated to kerala University
NAAC Accredited with 'B' Grade
E-mail: sncchengannur@gmail.com

EDUCATE
LIBERATE

Certificate of Completion

THIS CERTIFIES THAT

_____

has successfully completed the certificate course on **Latex**
2018-2019

HOD

COORDINATOR

PRINCIPAL